

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	label adj (sensor detector) and print\$3 and (activate\$1 initiate\$1) adj (UV IR curing drying)	USPAT	OR	OFF	2008/09/19 13:44
L2	0	label adj (sensor detector) near3 (activate\$1 initiate\$1) adj (UV IR curing drying)	USPAT	OR	OFF	2008/09/19 13:44
L3	0	label adj (sensor detector) same (activate\$1 initiate\$1) adj (UV IR curing drying)	USPAT	OR	OFF	2008/09/19 13:44
L4	0	label adj (sensor detector) same (trigger\$1 activate\$1 initiate\$1) adj (UV IR curing drying)	USPAT	OR	OFF	2008/09/19 13:44
L5	0	label adj (sensor detector) same (trigger\$1 activate\$1 initiate\$1) adj (UV IR curing drying light lamp)	USPAT	OR	OFF	2008/09/19 13:44
L6	2	label adj (sensor detector) and (trigger\$1 activate\$1 initiate\$1) adj (UV IR curing drying light lamp)	USPAT	OR	OFF	2008/09/19 13:45
L7	1	("4111123").PN.	USPAT	OR	OFF	2008/09/19 14:11
L8	10	borum.in.	USPAT	OR	OFF	2008/09/19 14:12
S1	108	(34/275).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/08/22 18:36
S2	1	("4798960").PN.	USPAT; USOCR	OR	OFF	2004/08/22 18:37
S3	1	("6350071").PN.	USPAT; USOCR	OR	OFF	2004/08/22 18:43
S4	1	("4065068").PN.	USPAT; USOCR	OR	OFF	2004/08/22 18:43
S5	441	(101/491).CCLS.	USPAT; USOCR	OR	OFF	2004/08/22 18:45

S6	208	(101/488).OCL.S.	USPAT; USOCR	OR	OFF	2004/08/22 18:51
S7	445	(101/424.1).OCL.S.	USPAT; USOCR	OR	OFF	2004/08/22 18:57
S8	112	(156/dig.49).OCL.S.	USPAT; USOCR	OR	OFF	2004/08/22 19:00
S9	5	(156/dig.43).OCL.S.	USPAT; USOCR	OR	OFF	2004/08/22 19:06
S10	544	(156/384).OCL.S.	USPAT; USOCR	OR	OFF	2004/08/22 19:09
S11	0	(156/379.1).OCL.S.	USPAT; USOCR	OR	OFF	2004/08/22 19:15
S12	92	(34/275).OCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/28 16:00
S13	0	("(ultravioletorUVor(lamporlamps)adjradiationadjemitters) andcuringandlabeladjprinterandlabeladjrewinder").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/02/04 10:09
S14	1	(ultraviolet or UV or (lamp or lamps) adj radiation adj emitters) and curing and label adj printer and label adj rewinder	US- PGPUB; USPAT	OR	OFF	2003/02/04 10:12
S15	16	(ultraviolet or UV or (lamp or lamps) adj radiation adj emitters) and curing and label adj printer	US- PGPUB; USPAT	OR	OFF	2003/02/04 10:16
S16	16	(ultraviolet or UV) and curing and label adj printer	US- PGPUB; USPAT	OR	OFF	2005/03/10 16:25
S17	26	(ultraviolet or UV) and curing and (label adj printer or label adj applicator or label adj rewinder)	US- PGPUB; USPAT	OR	OFF	2003/02/04 10:20
S18	0	(ultraviolet or UV) adj source and curing and (label adj printer or label adj applicator or label adj rewinder) and label	US- PGPUB; USPAT	OR	OFF	2003/02/04 10:20

S19	381	(ultraviolet or UV) adj curing and (label adj printer or label adj applicator or label adj rewinder or label)	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:24
S20	1	(ultraviolet or UV) and label adj printer and label adj rewinder and curable adj ink	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:25
S21	5	(ultraviolet or UV) and label adj printer and curable adj ink	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:28
S22	15	(ultraviolet or UV) and label adj (printer or rewinder) and ink and curing	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:30
S23	1	("5671271").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/02/04 10:29
S24	1	(ultraviolet or UV) and label adj printer and label adj rewinder and curable adj ink and curing	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:30
S25	1	(ultraviolet or UV) and label adj printer and label adj rewinder and curable adj ink	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:31
S26	1	(ultraviolet or UV) and label adj rewinder and curable adj ink	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:31
S27	1	(ultraviolet or UV) and label adj rewinder	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:47
S28	578	(ultraviolet or UV) and curing and (ink or curable adj ink) and (printers or laser adj printer or inkjet adj printer or printing) and label	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:50
S29	1	(ultraviolet or UV) and curing and (ink or curable adj ink) and (printers or laser adj printer or inkjet adj printer or printing) and label adj rewinder	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:50

S30	5370	(ultraviolet or UV) and curing and (ink or curable adj ink) and (printers or printing)	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:51
S31	47	(ultraviolet or UV) adj curing and (curable adj ink) and printer	US-PGPUB; USPAT	OR	OFF	2003/02/04 11:06
S32	1	(ultraviolet or UV) adj curing and (curable adj ink) and label adj printer	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:55
S33	1	(ultraviolet or UV) adj curing and (curable adj ink) and label adj (printer or printing)	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:56
S34	0	(ultraviolet or UV) adj curing and (curable adj ink) and label adj printer and printing adj process	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:57
S35	1	(ultraviolet or UV) adj curing and (curable adj ink) and label adj printer	US-PGPUB; USPAT	OR	OFF	2003/02/04 10:57
S36	0	printing and label adj roll and label adj rewinder	US-PGPUB; USPAT	OR	OFF	2003/12/15 19:01
S37	279	printing and label adj roll	US-PGPUB; USPAT	OR	OFF	2003/02/04 11:27
S38	49	("4577205" "5379697" "6001444" "5578352" "5750192" "4985274" "5518762" "6153045" "5919834" "5492733" "5800884" "5945183" "5702771" "5520958" "5645639" "6040026" "4885254" "5507901" "5629093" "6066412" "6120883" "6443058" "5993745" "6287765" "6326450" "6386367" "6492019" "4948825" "5286815" "5686188" "6210517" "6210517" "6268404" "4886680" "6018605" "5905045" "5935498" "5573831" "5885677" "5747347" "5206490" "6099943" "6124417" "6008052" "6258494" "6268029" "6465791" "4546261" "5549952" "5920329").pn.	US-PGPUB; USPAT	OR	OFF	2003/02/04 11:30
S39	22	(label or tape) adj roll and rewinder	US-PGPUB; USPAT	OR	OFF	2003/02/04 12:22

S40	1	("4,065,918").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/02/04 11:31
S41	26	34/276	US- PGPUB; USPAT	OR	OFF	2003/02/04 12:23
S42	275	34/266	US- PGPUB; USPAT	OR	OFF	2003/02/04 12:26
S43	2	((("4839522") or ("6350071")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/02/04 12:27
S44	1	("5661912").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/02/04 17:13
S45	2	"5661912".URPN.	USPAT	OR	OFF	2003/02/04 17:09
S46	1	("6485481").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/02/05 11:00
S47	1	("6210054").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/28 16:02
S48	1	("6350071").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/28 16:38
S49	11	("4052280" "4164423" "4483585" "4924599" "5013924" "5521392" "5832362" "5867201" "5877231" "5894130" "5905012").PN.	USPAT	OR	OFF	2003/07/28 16:07

S50	58	(34/423).OCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/28 16:38
S51	53	(34/420).OCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/28 16:54
S52	708	(101/483).OCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/29 15:28
S53	2	((("5806420") or ("4798960")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/29 15:35
S54	332	(101/484).OCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/29 15:35
S55	0	label and printing adj press with uv adj inks	US- PGPUB; USPAT	OR	OFF	2003/07/29 16:54
S56	31	label and printing and uv adj inks	US- PGPUB; USPAT	OR	OFF	2003/07/29 16:54
S57	20	label and printing and uv adj inks and (drying or curing)	US- PGPUB; USPAT	OR	OFF	2003/07/29 16:55
S58	20	label and printing and uv adj inks and (drying or curing)	US- PGPUB; USPAT	OR	OFF	2003/07/29 16:55
S59	269	(400/615.2).OCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/07/29 16:57

S60	102	(34/275).OCL.S.	US- PGPUB; USPAT; USOCR	OR	OFF	2003/12/12 15:37
S61	17	(34/276).OCL.S.	USPAT; USOCR	OR	OFF	2003/12/12 15:48
S62	178	(34/266).OCL.S.	USPAT; USOCR	OR	OFF	2003/12/12 16:13
S63	57	(34/423).OCL.S.	USPAT; USOCR	OR	OFF	2003/12/12 16:25
S64	55	(34/420).OCL.S.	USPAT; USOCR	OR	OFF	2003/12/12 16:30
S65	287	(101/484).OCL.S.	USPAT; USOCR	OR	OFF	2003/12/12 17:00
S66	684	(101/483).OCL.S.	USPAT; USOCR	OR	OFF	2003/12/12 17:16
S67	34	label adj (roll or rewinder or applicator) and UV and (curing or drying)	US- PGPUB; USPAT	OR	OFF	2003/12/15 19:02
S68	33	label adj (roll or rewinder or applicator) and UV and (curing or drying) and printing	US- PGPUB; USPAT	OR	OFF	2003/12/15 19:55
S69	1	("6013123").PN.	USPAT; USOCR	OR	OFF	2003/12/15 19:21
S70	6	((("4483585") or ("4324599") or ("5832362") or ("4052280") or ("5521392") or ("5905012"))).PN.	USPAT; USOCR	OR	OFF	2003/12/15 19:23
S71	20	(UV or ultraviolet) and label adj applicator and ink	US- PGPUB; USPAT	OR	OFF	2003/12/16 10:28
S72	45	(UV or ultraviolet) and label adj applicator	US- PGPUB; USPAT	OR	OFF	2003/12/16 10:38
S73	4	(UV or ultraviolet) and label adj applicator and label adj printer	US- PGPUB; USPAT	OR	OFF	2003/12/16 11:43

S74	78	(UV or ultraviolet) and label adj applicat\$3 and label adj print\$3	US- PGPUB; USPAT	OR	OFF	2003/12/16 11:44
S75	73	(UV or ultraviolet) and label adj applicat\$3 and label adj print\$3 and (dry\$3 or cur\$3 or heat\$3)	US- PGPUB; USPAT	OR	OFF	2003/12/16 12:07
S76	293	((101/487).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 12:21
S77	200	((101/488).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 12:43
S78	432	((101/491).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 12:47
S79	0	((101/491).CCL.S.) and label adj applicator	USPAT	OR	OFF	2003/12/16 13:27
S80	60	((101/491).CCL.S.) and (UV or ultraviolet)	USPAT	OR	OFF	2003/12/16 12:47
S81	4	((101/491).CCL.S.) and (UV or ultraviolet) and label	USPAT	OR	OFF	2003/12/16 12:53
S82	587	((101/228).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 12:52
S83	7	((((101/491).CCL.S.) ((101/228).CCL.S.)) and (UV or ultraviolet) and label	USPAT	OR	OFF	2003/12/16 12:54
S84	509	((101/288).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 12:54
S85	12	((((101/491).CCL.S.) ((101/228).CCL.S.) ((101/288).CCL.S.)) and (UV or ultraviolet) and label	USPAT	OR	OFF	2003/12/16 12:54
S86	5	((101/288).CCL.S.) and (UV or ultraviolet) and label	USPAT	OR	OFF	2003/12/16 12:57
S87	293	((101/487).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 12:59
S88	0	((156/dig43).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 13:02
S89	0	((156/D43).CCL.S.	USPAT; USOCR	OR	OFF	2003/12/16 13:02

S90	0	(156/DIG43).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:06
S91	436	(101/424.1).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:06
S92	0	(156/DIGEST43).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:14
S93	0	(156/DIG43).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:09
S94	0	(156/D43).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:32
S95	0	(156/DIG043).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:14
S96	0	(156/DIGEST043).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:14
S97	0	(156/D043).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:18
S98	0	(156/D.43).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:19
S99	26	label adj applicator and (ultraviolet or UV)	USPAT	OR	OFF	2003/12/16 13:38
S100	4	(156/DIG.43).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 14:05
S101	109	(156/DIG.49).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:34
S102	122	(156/DIG.25).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 13:34
S103	0	label adj applicator and (ultraviolet or UV) and (((156/DIG.25).CQLS.) ((156/DIG.49).CQLS.) ((156/DIG.43).CQLS.))	USPAT	OR	OFF	2003/12/16 13:35
S104	1	label and (ultraviolet or UV) and (((156/DIG.25).CQLS.) ((156/DIG.49). CQLS.) ((156/DIG.43).CQLS.))	USPAT	OR	OFF	2003/12/16 13:36
S105	3	label adj applicator and (ultraviolet or UV) and label adj printer	USPAT	OR	OFF	2003/12/16 13:40
S106	535	(156/384).CQLS.	USPAT; USOCR	OR	OFF	2003/12/16 14:19

S107	0	156/380.9.ccls. and 156/542.ccls	USPAT	OR	OFF	2003/12/16 14:22
S108	140	((156/387).CCLS.	USPAT; USOCR	OR	OFF	2003/12/16 14:25
S109	0	label adj applicator and label adj printer and (ultraviolet or UV) and (((156/384).CCLS.) ((156/387).CCLS.))	USPAT	OR	OFF	2003/12/16 14:26
S110	271	((156/379.6).CCLS.	USPAT; USOCR	OR	OFF	2003/12/16 14:26
S111	0	label adj applicator and label adj printer and (ultraviolet or UV) and (((156/384).CCLS.) ((156/387).CCLS.) ((156/379.6).CCLS.))	USPAT	OR	OFF	2003/12/16 14:26
S112	192	((156/380.9).CCLS.	USPAT; USOCR	OR	OFF	2003/12/16 14:26
S113	0	label adj applicator and label adj printer and (ultraviolet or UV) and (((156/384).CCLS.) ((156/387).CCLS.) ((156/379.6).CCLS.) ((156/380.9).CCLS.))	USPAT	OR	OFF	2003/12/16 14:27
S114	410	((156/540).CCLS.	USPAT; USOCR	OR	OFF	2003/12/16 14:27
S115	0	label adj applicator and label adj printer and (ultraviolet or UV) and (((156/384).CCLS.) ((156/387).CCLS.) ((156/379.6).CCLS.) ((156/380.9).CCLS.) ((156/540).CCLS.))	USPAT	OR	OFF	2003/12/16 14:27
S116	461	((156/542).CCLS.	USPAT; USOCR	OR	OFF	2003/12/16 14:27
S117	1	label adj applicator and label adj printer and (ultraviolet or UV) and (((156/384).CCLS.) ((156/387).CCLS.) ((156/379.6).CCLS.) ((156/380.9).CCLS.) ((156/540).CCLS.) ((156/542).CCLS.))	USPAT	OR	OFF	2003/12/16 14:27
S118	741	((101/424.1).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 12:18
S119	7	S118 and (Uv or ultraviolet) adj ink	USPAT	OR	OFF	2005/03/10 12:20
S120	5	(Uv or ultraviolet) adj ink and (take adj up or take-up) adj roll	USPAT	OR	OFF	2005/03/10 12:26
S121	108	(Uv or ultraviolet) adj (light\$1 or lamp\$1 or energy) and ink and (take adj up or take-up) adj roll	USPAT	OR	OFF	2005/03/10 12:26

S122	49	("5126529").URPN.	USPAT	OR	OFF	2005/03/10 12:36
S123	12	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and deflector	USPAT	OR	OFF	2005/03/10 15:47
S124	5	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and deflector and filter	USPAT	OR	OFF	2007/05/24 18:54
S125	573	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and filter	USPAT	OR	OFF	2005/03/10 16:01
S126	112	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and filter and (deflector or reflector)	USPAT	OR	OFF	2005/03/10 16:01
S127	9	(uv adj ink) and (take adj up adj roll take-up adj roll supply adj roll)	USPAT	OR	OFF	2005/10/31 15:21
S128	6	(uv adj ink) and (take adj up adj roll take-up adj roll)	USPAT	OR	OFF	2005/11/01 13:07
S129	1	("6754978").PN.	USPAT; USOCR	OR	OFF	2005/11/08 14:21
S130	2723	(IR UV heater\$1 lamp\$1) and (take adj up take-up rewinder) and curing	US- PGPUB; USPAT	OR	OFF	2006/04/04 20:17
S131	3	(IR UV heater\$1 lamp\$1) and ((take adj up take-up) adj roll label adj rewinder) and curing adj module	US- PGPUB; USPAT	OR	OFF	2006/04/04 20:17
S132	2026	(IR UV heater\$1 lamp\$1) and ((take adj up take-up) adj roll label adj rewinder)	US- PGPUB; USPAT	OR	OFF	2006/04/04 20:17
S133	28	(IR UV heater\$1 lamp\$1) and ((take adj up take-up) adj roll label adj rewinder) and cur\$3 adj ink	US- PGPUB; USPAT	OR	OFF	2006/04/04 20:24
S134	335	(IR UV heater\$1 lamp\$1) and ((take adj up take-up) adj roll label adj rewinder) and cur\$3 and ink	US- PGPUB; USPAT	OR	OFF	2006/04/04 20:32
S135	11	(IR UV heater\$1 lamp\$1) near2 ((take adj up take-up) adj roll label adj rewinder) and cur\$3 and ink	US- PGPUB; USPAT	OR	OFF	2006/04/04 20:35

S136	3	(UV heaters\$1 lamp\$1) near2 ((take adj up take-up) adj roll label adj rewinder) and cur\$3 and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:35
S137	4	(UV heaters\$1 lamp\$1) near2 ((take adj up take-up) adj roll label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:36
S138	4	(UV ultraviolet heaters\$1 lamp\$1) near2 ((take adj up take-up) adj roll label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:37
S139	0	(UV ultraviolet heaters\$1 lamp\$1) adj ((take adj up take-up) adj roll label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:37
S140	5	(UV ultraviolet heaters\$1 lamp\$1) near3 ((take adj up take-up) adj roll label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:41
S141	6	("5634402").URPN.	USPAT	OR	OFF	2006/04/04 20:39
S142	5	(UV ultraviolet heaters\$1 lamp\$1) near3 ((take adj up take-up taking adj up taking-up) adj roll label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:46
S143	0	(UV ultraviolet heaters\$1 lamp\$1) near3 (attach\$3 secure\$3) near3 ((take adj up take-up taking adj up taking-up) adj roll label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:49
S144	0	(UV ultraviolet heaters\$1 lamp\$1) near3 (attach\$3 secure\$3) near3 ((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:52
S145	9	(UV ultraviolet heaters\$1 lamp\$1) near3 ((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:54
S146	0	(UV ultraviolet heaters\$1 lamp\$1) near3 ((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) adj (unit module)) and ink	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:55
S147	18	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) adj (unit module))	US-PGPUB; USPAT	OR	OFF	2006/04/04 20:56

S148	53	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) adj (unit module housing))	US- PGPUB; USPAT	OR	OFF	2006/04/04 20:58
S149	11	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) adj (unit module housing)) and (UV ultraviolet heater\$1 lamp\$1)	US- PGPUB; USPAT	OR	OFF	2006/04/05 16:57
S150	1	("4065068").PN.	USPAT	OR	OFF	2006/04/04 21:03
S151	4417	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) and (UV ultraviolet heater\$1 lamp\$1)	US- PGPUB; USPAT	OR	OFF	2006/04/04 21:04
S152	39	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) and (UV ultraviolet heater\$1 lamp\$1) and cur\$3 adj ink	US- PGPUB; USPAT	OR	OFF	2006/04/05 16:51
S153	4417	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) and (UV ultraviolet heater\$1 lamp\$1)	US- PGPUB; USPAT	OR	OFF	2006/04/05 16:57
S154	1055	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) and (UV ultraviolet heater\$1 lamp\$1) and curing	US- PGPUB; USPAT	OR	OFF	2006/04/05 16:57
S155	29	((take adj up take-up taking adj up taking-up) adj (roll reel) label adj rewinder) and (UV ultraviolet heater\$1 lamp\$1) and curing adj ink	US- PGPUB; USPAT	OR	OFF	2006/04/05 20:51
S156	1	("6312123").PN.	USPAT	OR	OFF	2006/04/05 21:18
S157	284	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and sensor	USPAT	OR	OFF	2007/05/24 18:55
S158	311	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and (xenon adj flash sensor)	USPAT	OR	OFF	2007/05/24 18:55
S159	138	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and (xenon adj flash sensor) and printing	USPAT	OR	OFF	2007/05/24 18:56
S160	25	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and (xenon adj flash) and printing	USPAT	OR	OFF	2007/05/24 20:30

S161	0	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and (xenon adj flash) and (flourescent near3 optical adj sensor filtered adj photodiode adj sensor)	USPAT	OR	OFF	2007/05/24 20:31
S162	1	(uv or ultraviolet) near3 (lights or lamps) and (curing or drying) and (xenon adj flash) and (flourescent near3 optical adj sensor filtered adj photodiode adj sensor)	USPAT	OR	OFF	2007/05/24 20:31
S163	1	(uv or ultraviolet) and (lights or lamps) and (curing or drying) and (xenon adj flash) and (flourescent near3 optical adj sensor filtered adj photodiode adj sensor)	USPAT	OR	OFF	2007/05/24 20:31
S164	1	(uv or ultraviolet) and (lights or lamps) and (xenon adj flash) and (flourescent near3 optical adj sensor filtered adj photodiode adj sensor)	USPAT	OR	OFF	2007/05/24 20:32
S165	639	(uv or ultraviolet) and (lights or lamps) and (xenon adj flash flourescent near3 optical adj sensor filtered adj photodiode adj sensor)	USPAT	OR	OFF	2007/05/24 20:32
S166	337	(uv or ultraviolet) and (lights or lamps) and (xenon adj flash flourescent near3 optical adj sensor filtered adj photodiode adj sensor) and (drying curing)	USPAT	OR	OFF	2007/05/24 20:32
S167	337	(uv or ultraviolet) and (lights or lamps) and (xenon adj flash flourescent adj optical adj sensor filtered adj photodiode adj sensor) and (drying curing)	USPAT	OR	OFF	2007/05/24 20:33
S168	1	(uv or ultraviolet) and (lights or lamps) and (xenon adj flash) and (flourescent adj optical adj sensor filtered adj photodiode adj sensor) and (drying curing)	USPAT	OR	OFF	2007/05/24 20:33
S169	337	(uv or ultraviolet) and (lights or lamps) and (xenon adj flash flourescent adj optical adj sensor filtered adj photodiode adj sensor) and (drying curing)	USPAT	OR	OFF	2007/05/24 20:33
S170	25	(uv or ultraviolet) adj (lights or lamps) and (curing or drying) and (xenon adj flash) and printing	USPAT	OR	OFF	2007/05/24 20:34
S171	312	S169 not S170	USPAT	OR	OFF	2007/05/24 21:10
S172	217	(101/494).OCLS.	USPAT; USOCR	OR	OFF	2008/09/15 14:36
S173	3	("4136611").URPN.	USPAT	OR	OFF	2008/09/15 14:41

S174	528	101/488	USPAT	OR	OFF	2008/09/15 14:43
S175	1	("4136611").PN.	USPAT	OR	OFF	2008/09/15 14:47
S176	21	("0995721" "2691345" "2716048" "2726166" "2817765" "2832311" "3160091" "3752288" "3771634" "3806355").PN. OR ("4136611").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 14:47
S177	299	(take adj up take-up) adj roll and printing and label\$1	USPAT	OR	OFF	2008/09/15 14:52
S178	32	(take adj up take-up) adj roll and printing and label\$1 and (UV ultraviolet) adj (light\$1 lamp\$1)	USPAT	OR	OFF	2008/09/15 14:52
S179	1	("6350071").PN.	USPAT	OR	OFF	2008/09/15 14:56
S180	24	("4052280" "4164423" "4483585" "4924599" "5013924" "5521392" "5832362" "5867201" "5877231" "5894130" "5905012").PN. OR ("6350071").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/15 14:56
S181	4	(take adj up take-up) adj roll and printing adj label\$1 and (UV ultraviolet) adj (light\$1 lamp\$1)	USPAT	OR	OFF	2008/09/15 14:57
S182	1	(take adj up take-up) adj roll and label\$1 adj printing and (UV ultraviolet) adj (light\$1 lamp\$1)	USPAT	OR	OFF	2008/09/15 14:58
S183	47	(take adj up take-up) adj roll and label\$1 adj printing	USPAT	OR	OFF	2008/09/15 14:58
S184	484	(101/424.1).OCLS.	USPAT	OR	OFF	2008/09/15 15:01
S185	0	(156/dig49).OCLS.	USPAT	OR	OFF	2008/09/16 09:50
S186	112	(156/dig.49).OCLS.	USPAT	OR	OFF	2008/09/16 09:50
S187	15	("4111121").URPN.	USPAT	OR	OFF	2008/09/16 10:36
S188	9	("5167752").URPN.	USPAT	OR	OFF	2008/09/16 10:37

S189	0	portable adj UV adj (lamp light) and curing and printing	USPAT	OR	OFF	2008/09/16 10:40
S190	3592	UV adj (lamp light) and curing and printing	USPAT	OR	OFF	2008/09/16 10:40
S191	6	156/dig.43	USPAT	OR	OFF	2008/09/16 10:43
S192	581	(156/384).OCLS.	USPAT	OR	OFF	2008/09/16 10:48
S193	242	UV adj (lamp light) and curing and printing and portable	USPAT	OR	OFF	2008/09/16 10:53
S194	9	portable same UV adj (lamp light) and curing and printing	USPAT	OR	OFF	2008/09/16 10:54
S195	0	(156/379.1).OCLS.	USPAT	OR	OFF	2008/09/16 10:55
S196	17	(hand adj held portable) same UV adj (lamp light) and curing and (printing ink)	USPAT	OR	OFF	2008/09/16 15:23
S197	143	(hand adj held portable) adj UV adj (lamp light)	USPAT	OR	OFF	2008/09/16 15:27
S198	4	(hand adj held portable) adj UV adj (lamp light) and (drying curing) and ink	USPAT	OR	OFF	2008/09/16 15:29
S199	68	(hand adj held portable) adj UV adj (lamp light) and (curing drying)	USPAT	OR	OFF	2008/09/16 15:32
S200	1292	individual adj labels	USPAT	OR	OFF	2008/09/16 15:45
S201	62	individual adj labels and labels adj printing	USPAT	OR	OFF	2008/09/16 15:45
S202	29	(discrete individual) adj labels and (take-up take adj up) and (UV ultraviolet)	USPAT	OR	OFF	2008/09/16 15:47
S203	0	(offline off-line) adj rewinder and label adj printing	USPAT	OR	OFF	2008/09/18 23:15
S204	3	(offline off-line) adj rewinder	USPAT	OR	OFF	2008/09/18 23:15
S205	247	(offline off-line) adj (rewinder application\$1)	USPAT	OR	OFF	2008/09/18 23:18

S206	37	(offline off-line) adj (rewinder application\$1) and (papermaking paper adj making printing)	USPAT	OR	OFF	2008/09/18 23:18
S207	42	(offline off-line off adj line) adj (rewinder application\$1) and (papermaking paper adj making printing)	USPAT	OR	OFF	2008/09/18 23:30
S208	39	(offline off-line off adj line) adj (rewinder application\$1) and (printing)	USPAT	OR	OFF	2008/09/18 23:31
S209	0	(offline off-line off adj line) adj (rewinder application\$1) and (label adj printing)	USPAT	OR	OFF	2008/09/18 23:32
S210	0	(offline off-line off adj line) adj (rewinder application\$1) and label near3 printing	USPAT	OR	OFF	2008/09/18 23:32
S211	0	(offline off-line off adj line) adj (rewinder application\$1) and label same printing	USPAT	OR	OFF	2008/09/18 23:32
S212	5	S207 not S206	USPAT	OR	OFF	2008/09/18 23:35
S213	62	drive adj belt and label adj printing	USPAT	OR	OFF	2008/09/19 00:00
S214	4	drive adj belt and label adj printing and (offline off-line off adj line)	USPAT	OR	OFF	2008/09/19 00:01
S215	1	("6732451").PN.	USPAT	OR	OFF	2008/09/19 00:12
S216	11	("4065068" "4164423" "4798960" "4839522" "4924599" "5750192" "5867201" "6263816" "6350071" "6428862").PN. OR ("6732451").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/19 00:12
S217	14	(ultraviolet or UV) and curing and (ink or curable adj ink) and (printers or printing) and rewinder	US- PGPUB; USPAT	OR	OFF	2008/09/19 00:18
S218	1518	(ultraviolet or UV) and ((take adj up take-up) adj roll rewinder)	US- PGPUB; USPAT	OR	OFF	2008/09/19 00:19
S219	1518	(ultraviolet or UV) and ((take adj up take-up) adj roll rewinder)	US- PGPUB; USPAT	OR	OFF	2008/09/19 00:20

S220	3	(ultraviolet or UV) and (((take adj up take-up) adj roll rewinder) adj (housing enclosure))	US-PGPUB; USPAT	OR	OFF	2008/09/19 00:20
S221	5	(ultraviolet or UV) and (((take adj up take-up) adj roll rewinder) adj (housing enclosure chamber compartment))	US-PGPUB; USPAT	OR	OFF	2008/09/19 00:21
S222	0	(discrete individual) adj labels and drive adj belt and (UV ultraviolet)	USPAT	OR	OFF	2008/09/19 00:23
S223	39	(offline off-line off adj line) adj (rewinder application\$1) and (printing)	USPAT	OR	OFF	2008/09/19 00:24
S224	0	(offline off-line off adj line) adj (rewinder application\$1 take-up adj roll take adj up adj roll) and label\$1 adj printing	USPAT	OR	OFF	2008/09/19 00:25
S225	15	(offline off-line off adj line) same (rewinder application\$1 take-up adj roll take adj up adj roll) and label\$1 adj printing	USPAT	OR	OFF	2008/09/19 00:25
S226	1	("6467898").PN.	USPAT	OR	OFF	2008/09/19 00:28
S227	0	(offline off-line off adj line) same (rewinder application\$1 take-up adj roll take adj up adj roll) and label\$1 adj print3	USPAT	OR	OFF	2008/09/19 00:29
S228	0	(offline off-line off adj line) near5 (rewinder application\$1 take-up adj roll take adj up adj roll) and label\$1 adj print3 and drive adj belt	USPAT	OR	OFF	2008/09/19 00:30
S229	52	(discrete individual) adj labels and drive adj belt	USPAT	OR	OFF	2008/09/19 00:34
S230	0	(discrete individual) adj labels and drive adj belt and UV	USPAT	OR	OFF	2008/09/19 00:37
S231	0	(discrete individual) adj labels and drive adj belt and (UV curing)	USPAT	OR	OFF	2008/09/19 00:37
S232	161	(discrete individual) adj labels and (drive adj belt endless adj belt conveyor adj belt)	USPAT	OR	OFF	2008/09/19 00:45
S233	128	(discrete individual) adj labels and (drive adj belt endless adj belt conveyor adj belt) and print\$3	USPAT	OR	OFF	2008/09/19 00:45
S234	68	(discrete individual) adj labels and (conveyor adj belt) and print\$3	USPAT	OR	OFF	2008/09/19 00:55
S235	0	(rewinder application\$1 take-up adj roll take adj up adj roll) same (housing enclosure chamber) and label\$1 adj print3	USPAT	OR	OFF	2008/09/19 01:57

S236	1267	(offline off-line off adj line) near5 (rewinder application\$1 take-up adj roll take adj up adj roll)	USPAT	OR	OFF	2008/09/19 11:06
S237	9	(offline off-line off adj line) near5 (rewinder application\$1 take-up adj roll take adj up adj roll) and label adj print\$3	USPAT	OR	OFF	2008/09/19 11:07
S238	123	(offline off-line off adj line) near5 (rewinder application\$1 take-up adj roll take adj up adj roll) and label and print\$3	USPAT	OR	OFF	2008/09/19 11:08
S239	18	roll\$1 near label\$1 and (individual discrete) adj label\$1 and printing and take-up adj roll	USPAT	OR	OFF	2008/09/19 11:11
S240	39	("0396401" "0636825" "2985554" "3507740" "3661679" "4013497" "4246058").PN. OR ("4328057").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/19 11:13
S241	39	("0396401" "0636825" "2985554" "3507740" "3661679" "4013497" "4246058").PN. OR ("4328057").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/19 11:16
S242	1	("4264396").PN.	USPAT	OR	OFF	2008/09/19 11:23
S243	118	("3471357" "3721601" "3826915" "3845850" "3911817" "3960642" "3997384" "4109777").PN. OR ("4264396").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/19 11:25
S244	46	labeler and UV	USPAT	OR	OFF	2008/09/19 11:37
S245	266	(labeler label adj (dispenser printer)) and (UV curing drying)	USPAT	OR	OFF	2008/09/19 11:42
S246	231	(labeler label adj (dispenser printer)) and (curing drying)	USPAT	OR	OFF	2008/09/19 12:06
S247	101	(labeler label adj (dispenser printer)) and (curing drying) and (UV IR)	USPAT	OR	OFF	2008/09/19 12:07
S248	2	(labeler label adj (dispenser printer)) and (curing drying) adj (module station) and (UV IR)	USPAT	OR	OFF	2008/09/19 12:10
S249	78	labels and (curing drying) adj (module station) and (UV IR)	USPAT	OR	OFF	2008/09/19 12:10

S250	38	("2867263" "4289821" "4427732" "4758296").PN. OR ("4840757").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/19 12:14
S251	7	("20020101491" "20050068397" "6350071" "6476840" "6646666" "6755518").PN. OR ("7009630").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/09/19 12:32
S252	1189	(curing drying) adj (module station unit) and (UV IR)	USPAT	OR	OFF	2008/09/19 12:33
S253	512	(curing drying) adj (module station unit) and (UV) and printing	USPAT	OR	OFF	2008/09/19 12:34

9/19/08 2:30:40 PM

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